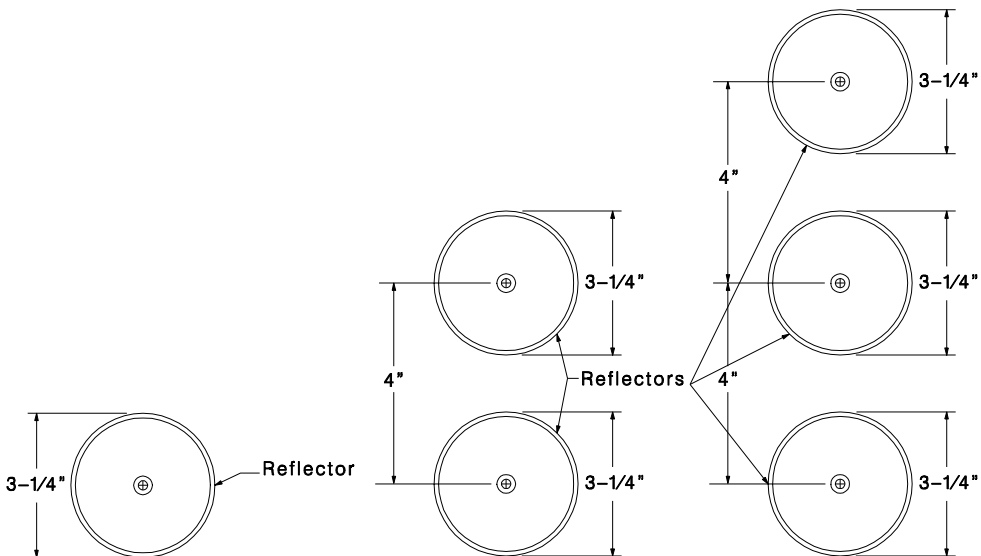


REFLECTORIZED DELINEATORS

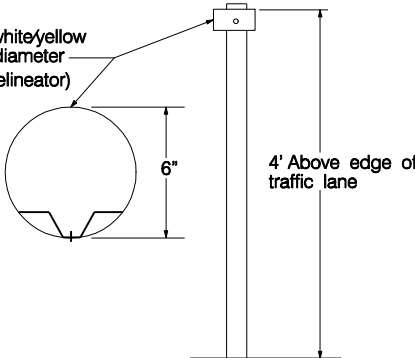


MAIN LINE
One reflector
(Type A delineator)

RAMPS
Two reflectors
(Type B delineator)

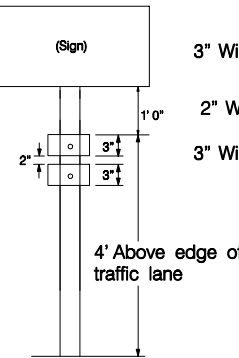
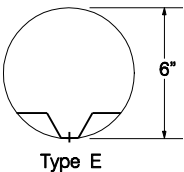
NARROW BRIDGES
Three reflectors
(Type C delineator)

3" Wide white/yellow
band 6" diameter
(Type D delineator)

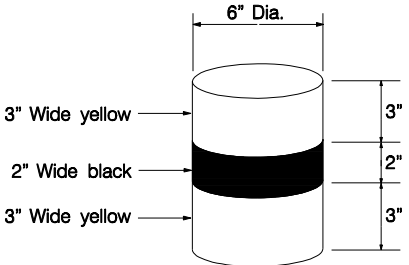


MEDIAN
One reflector
(Type D delineator)

3" wide yellow band
6" diameter



MEDIAN
One or Two reflectors
(Type E delineator)



ALTERNATE E

DELINEATOR DETAILS
TYPE A, B, & C

Delineator fabrication: Delineator backing material shall conform to the requirements of section 894.01 of the Standard Specifications. Delineator faces shall be fabricated in conformance to the requirements of Section 754 & 894 of the Standard Specifications.

Delineator backing Backing shall be .040 aluminum plates or 18 ga. steel plates. Backing shall be aluminum alloy conforming to A.S.T.M. designation B209 (AA-6061-T6) with mill finish.

Reflectors: Reflector shall be the same color as the adjacent pavement marking.

Installation: Posts are to be installed along right shoulder line unless shown otherwise on the plans.

Spacing: Delineator spacing along main line shall be at 528' centers on tangent and curves less than 0°30' and 264' centers on curves 0°30' and greater.

Posts: Posts shall conform to Sec. 894.06 of the Standard Specifications.

Fasteners: Reflector shall be attached to the post by a non rust tension pin type fastener or a round unslotted head aluminum machine screw fabricated of aluminum alloy 2024-T4 and vandal resistant nut fabricated of aluminum alloy 2011-T3.

TYPE D

Material: 3" wide backing of .063" aluminum shall be used. Reflective material shall be flexible Type 3A or 3B reflective sheeting.

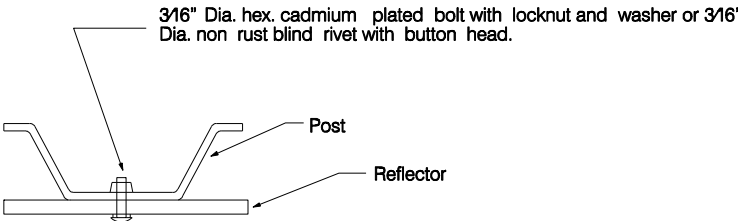
TYPE E

Backing of .063" aluminum shall be used.

Reflective material shall be flexible Type 3A or 3B reflective sheeting.

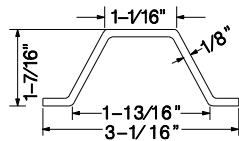
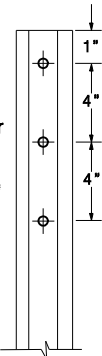
Type E - is a two band system with 2" spacing between bands.

Alternate E - is a one unit delineator consisting of two yellow bands separated by a 2" black band.

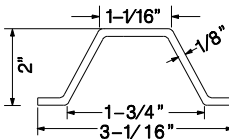


DELINEATOR ATTACHMENT DETAIL

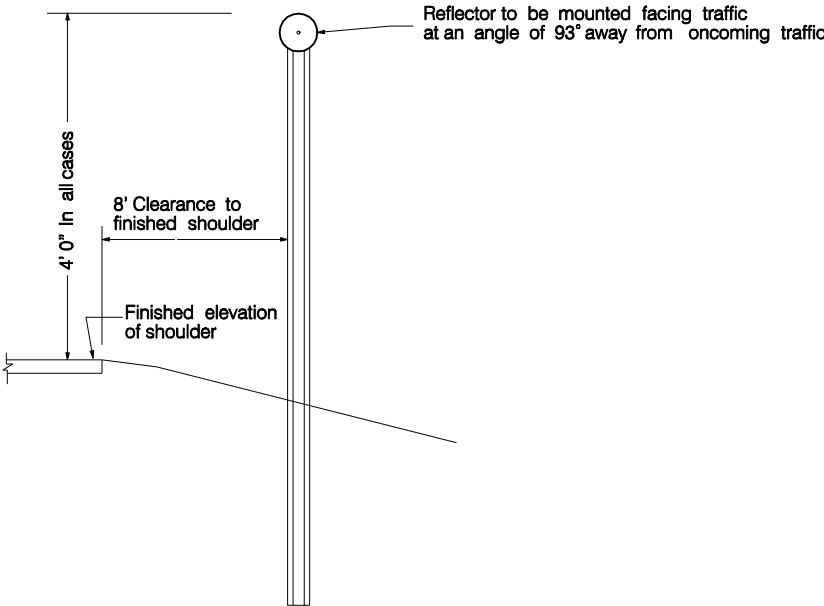
NOTE:
The contractor may drill only those holes required to attach the number of reflectors on that post, or he may drill all the posts the same so that any number of reflectors may be added.



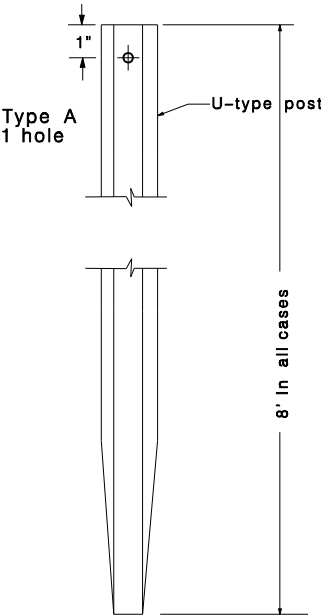
STEEL POST DETAIL
Approx. 2 lbs. / ft



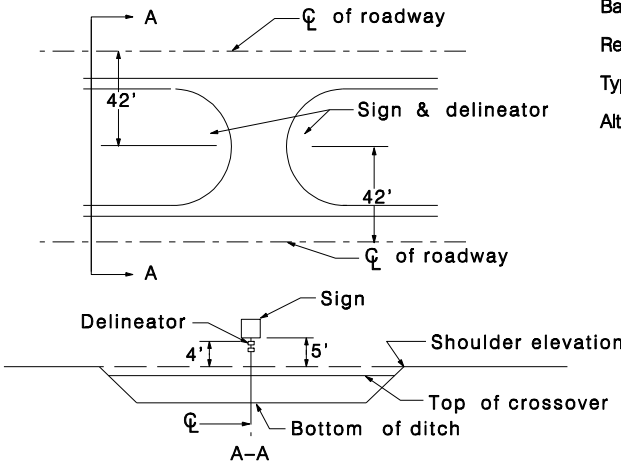
ALUMINUM POST DETAIL
Approx. 0.88 lbs. / ft



INSTALLATION



POST



MEDIAN CROSSOVERS
Signing and delineation system

NORTH DAKOTA DEPARTMENT OF TRANSPORTATION	
10-1-86	
REVISIONS	
DATE	CHANGE
10-02-95	Anchor plate
08-15-96	Remove anchor plate
01-27-97	Post note
04-10-97	Notes, post detail and remove table
10-09-97	Median delineator
12-01-04	PE Stamp added
10-03-05	Post height and location

This document was originally issued and sealed by MARK S GAYDOS, Registration Number PE-4518, on 10/03/05 and the original document is stored at the North Dakota Department of Transportation